

CLAIMS

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- 1 1. A method for use in a computer network having a process manager and a network
2 management station for reporting to the network management station the addition of new
3 applications or processes to the computer network, the method comprising the steps of:
4 providing a configuration service layer in communicating relationship with a new
5 application or process and the process manager;
6 in response to opening the new application or process, issuing a registration serv-
7 ice request from the new application or process to the process manager through the con-
8 figuration service layer;
9 establishing a method at the network management station for persistently and
10 continuously listening for messages from the process manager;
11 in response to receiving the registration service request at the process manager,
12 generating and forwarding a notification message that identifies the new application or
13 process to network management station; and
14 automatically displaying the notification message at the network management
15 station without having to close and re-start the management station.
- 1 2. The method of claim 1 further comprising the steps of:
2 creating a process manager window at the network management station that dis-
3 plays a list of applications and processes opened in the computer network; and
4 in response to receiving the notification message, adding the new application or
5 process to the list of applications and processes displayed in the process manager win-
6 dow.
- 1 3. The method of claim 2 further comprising the step of displaying a status, a start
2 time and a location of the new application or process, within the process manager win-
3 dow, based on information from the received notification message.
- 1 4. The method of claim 3 wherein the status includes one of up, down, started, not
2 started, and unknown.

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1 5. The method of claim 4 wherein the new application or process has parameters as-
2 sociated with at least one of configure, control, diagnose and status functions, the method
3 further comprising the steps of:

4 in response to selecting the new application or process from the process manager
5 window, displaying at least one of configure, control, diagnose and status buttons associ-
6 ated with the new application or process; and

7 in response to selecting one of the displayed configure, control, diagnose and
8 status buttons, obtaining a respective configure, control, diagnose and status object from
9 the new application or process; and

10 displaying the obtained configure, control, diagnose and status object at the net-
11 work management station.

1 6. The method of claim 5 further comprising the step of modifying the respective
2 parameters of the new application or process automatically and dynamically in response
3 to manipulations of the configure, control, diagnose and status object displayed at the
4 network management station.

1 7. A computer readable medium containing executable program instructions for
2 automatically and dynamically informing a network management station that is disposed
3 within a computer network of a new application or process being opened, the computer
4 network further including a process manager, the executable program instructions com-
5 prising program instructions for:

6 establishing a configuration service layer in communicating relationship with the
7 new application or process and the process manager;

8 in response to opening the new application or process, issuing a registration serv-
9 ice request from the new application or process to the process manager through the con-
10 figuration service layer;

11 establishing a method at the network management station for persistently and
12 continuously listening for messages from the process manager;

13 in response to receiving the registration service request at the process manager,
14 generating and forwarding a notification message that identifies the new application or
15 process to network management station; and
16 automatically and dynamically displaying the notification message at the network
17 management station.

1 8. A computer workstation for use in a computer network having at least one process
2 manager, the workstation comprising:
3 at least one application or process;
4 a network communication facility;
5 a configuration service layer in communicating relationship with the at least one
6 application or process and the network communications facility,
7 wherein the at least one application or process and the configuration service layer coop-
8 erate to generate and issue, through the network communication facility, a registration
9 service request to the at least one process manager upon opening of the at least one appli-
10 cation or process at the computer workstation.

ADD A2 →